To decimal

a) 1110101 0110,

117.

0.375 117.375 ,

b.) 11.010101012

1.2 +1.20

0.332031

3

3.332031,6

c) 2AH A=10

42

Convert to nexadecimal

a.) 102310

$$63/16 = 3 \cap 15 = F$$

$$3/16 = 0 + 3$$

3F F16

b.) 10 111 010 1101

2989



Tryor Carreches
Dr. Hoursman
DAVS 251 HW

## 10.1 continued

## C) 61453,0



Dr.	C Carrechea Hesterman 15 251 HUJ
10.7	
A)	This is a make trust
8.)	if the input is high, it usually depends on the inputs but there is only one here. This will also invert.
-	
	This is an and gate, the output will be high if both inputs are high, there is only one input for this gate.
<b>C.)</b>	
	This is a nor gate, the output will be high if one of the inputs is high, since one is tied to ground, the other input just has to be high. This
٥.١	Will also invert. No high input, therefore no high output.  + (HIGH)
	This is a nor gute, since there is a high Input, the output of this will be high. The signal in this nor gate will also invert.
E)	
	This is an and gate, if both the inputs are high, the output will be high. But since that is not the case here, the output will not be high.  1+(High)
f;)	This is an and gote if both the insuts are high the output

This is an and gate, if both the inputs are high, the output will be high and it will invert. Since only one input is high, the output will not be high and it will not invert.

	Toylor Larrochea Dr. Hosterman Attvs 231 HW
and the same of the same of the same of	al Inverter from a wor I mpus!
the same is not a second	A -t Do-
in the States Incoming and the Assessment Control of States	b) OR From NOR'S
or orthographic Addression or	C) OR from MANOS
the same of the same and the same and the same and the same design and the same and	mehe trook tables!

	Taylor Larrethea  Dr Honorman  Privs 251 HW		
-	10 4		
The second name of the second	a) 3. rpu = 8 . rpu		
the same of the sa			
	b) 3 input Tois R input		
	; Dp /	1	4.
	3———	trut	tu 3(4),
	C) 3 your For D 2 input	1	
	3———		
	d.) 3 input from 2 input		
	3		